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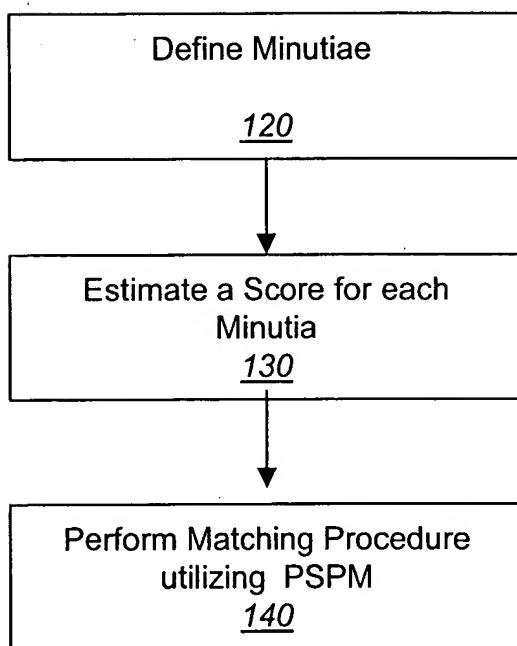


Figure 1

200

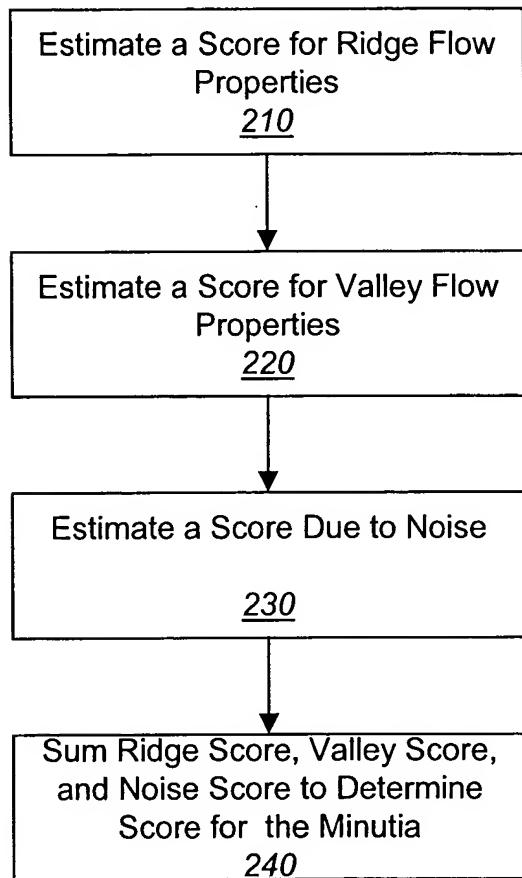


Figure 2

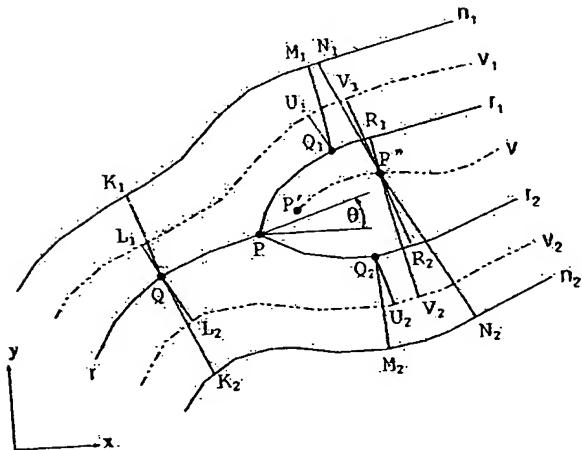


Figure 3

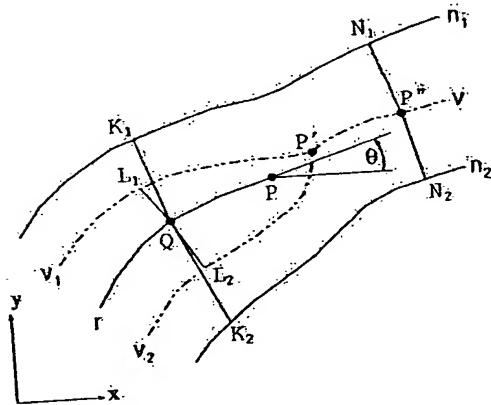


Figure 4

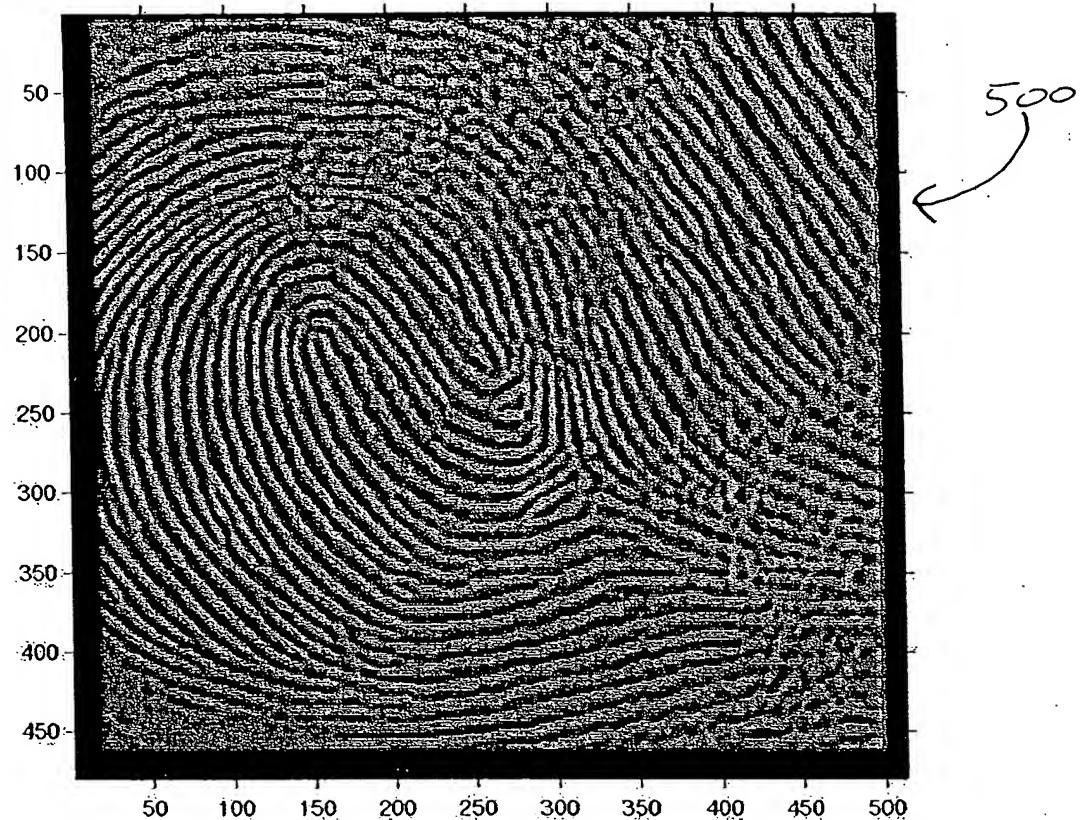


Figure 5

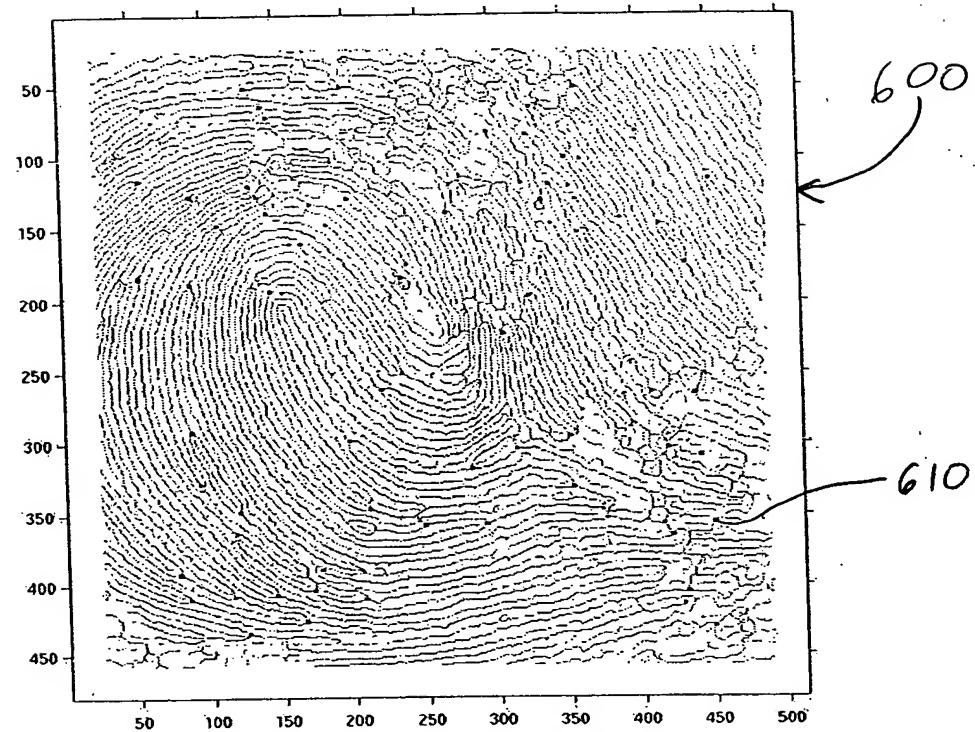


Figure 6

| x | y | type | angle | score |
|-----|-----|------|-------|-------|
| 146 | 108 | BM | 302 | 2 |
| 345 | 210 | BM | 251 | 4 |
| 352 | 375 | BM | 111 | 5 |
| 263 | 407 | BM | 31 | 5 |
| 130 | 333 | BM | 340 | 6 |
| 261 | 220 | BM | 50 | 8 |
| 362 | 116 | BM | 46 | 9 |
| 357 | 248 | BM | 286 | 10 |
| 264 | 437 | BM | 211 | 15 |
| 50 | 196 | BM | 266 | 19 |
| 250 | 234 | BM | 243 | 34 |
| 433 | 124 | BM | 253 | 37 |
| 100 | 350 | BM | 223 | 39 |
| 183 | 53 | BM | 334 | 43 |
| 409 | 84 | BM | 251 | 45 |
| 187 | 88 | BM | 328 | 45 |
| 391 | 77 | BM | 245 | 47 |
| 409 | 206 | BM | 250 | 52 |
| 347 | 119 | BM | 224 | 53 |
| 152 | 358 | BM | 37 | 53 |
| 356 | 291 | BM | 291 | 53 |
| 406 | 144 | BM | 251 | 59 |
| 146 | 415 | BM | 29 | 59 |
| 425 | 164 | BM | 270 | 62 |
| 297 | 197 | BM | 43 | 70 |
| 173 | 432 | BM | 217 | 92 |
| 290 | 87 | BM | 19 | 94 |
| 115 | 55 | BM | 300 | 95 |
| 407 | 114 | BM | 254 | 96 |
| 317 | 282 | BM | 105 | 97 |
| 330 | 352 | BM | 255 | 99 |
| 101 | 361 | TM | 219 | 52 |
| 142 | 388 | TM | 15 | 55 |
| 82 | 400 | TM | 40 | 55 |
| 327 | 92 | TM | 27 | 95 |
| 115 | 450 | TM | 215 | 99 |

Figure 7

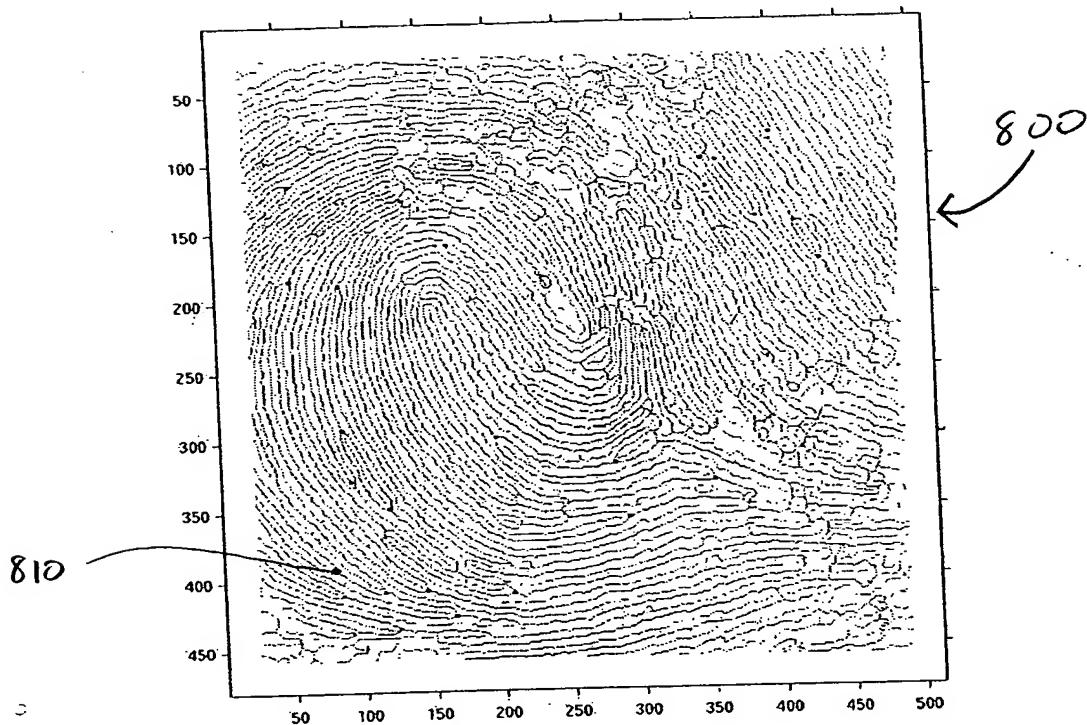


Figure 8

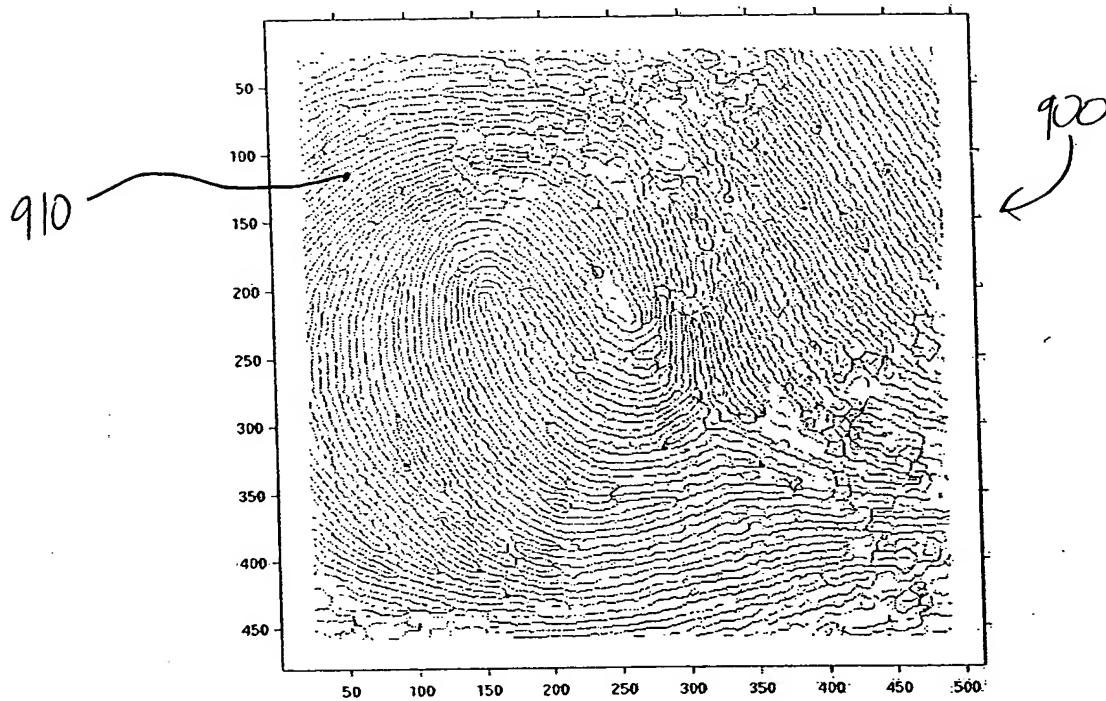


Figure 9

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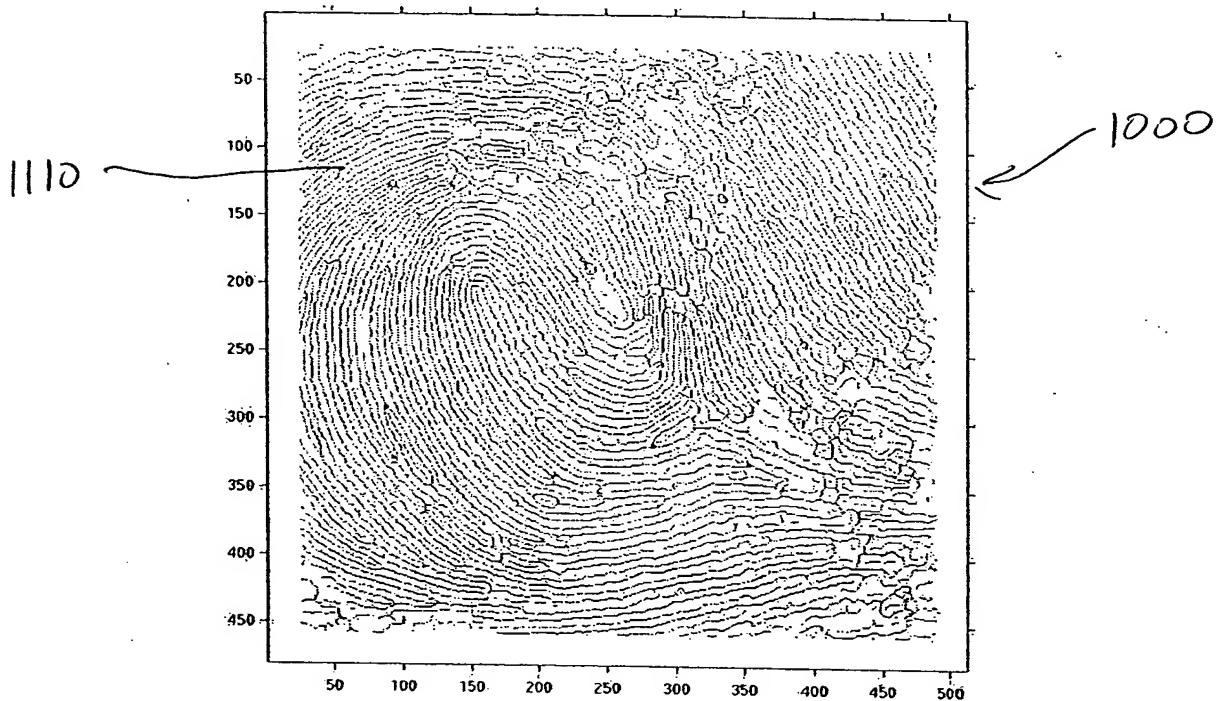


Figure 10

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| Number of Sample Sets, K | CPU time in μ sec. | | % Savings |
|--------------------------|------------------------|------------|-----------|
| | Standard Matching | PSPM | |
| 10 | 39,696,066 | 1,280,111 | 96.70 |
| 20 | 85,016,140 | 3,457,594 | 95.90 |
| 50 | 228,242,586 | 11,784,255 | 94.83 |
| 100 | 548,033,187 | 19,754,415 | 96.39 |
| 200 | 1075,977,761 | 39,225,959 | 96.35 |

Figure 11

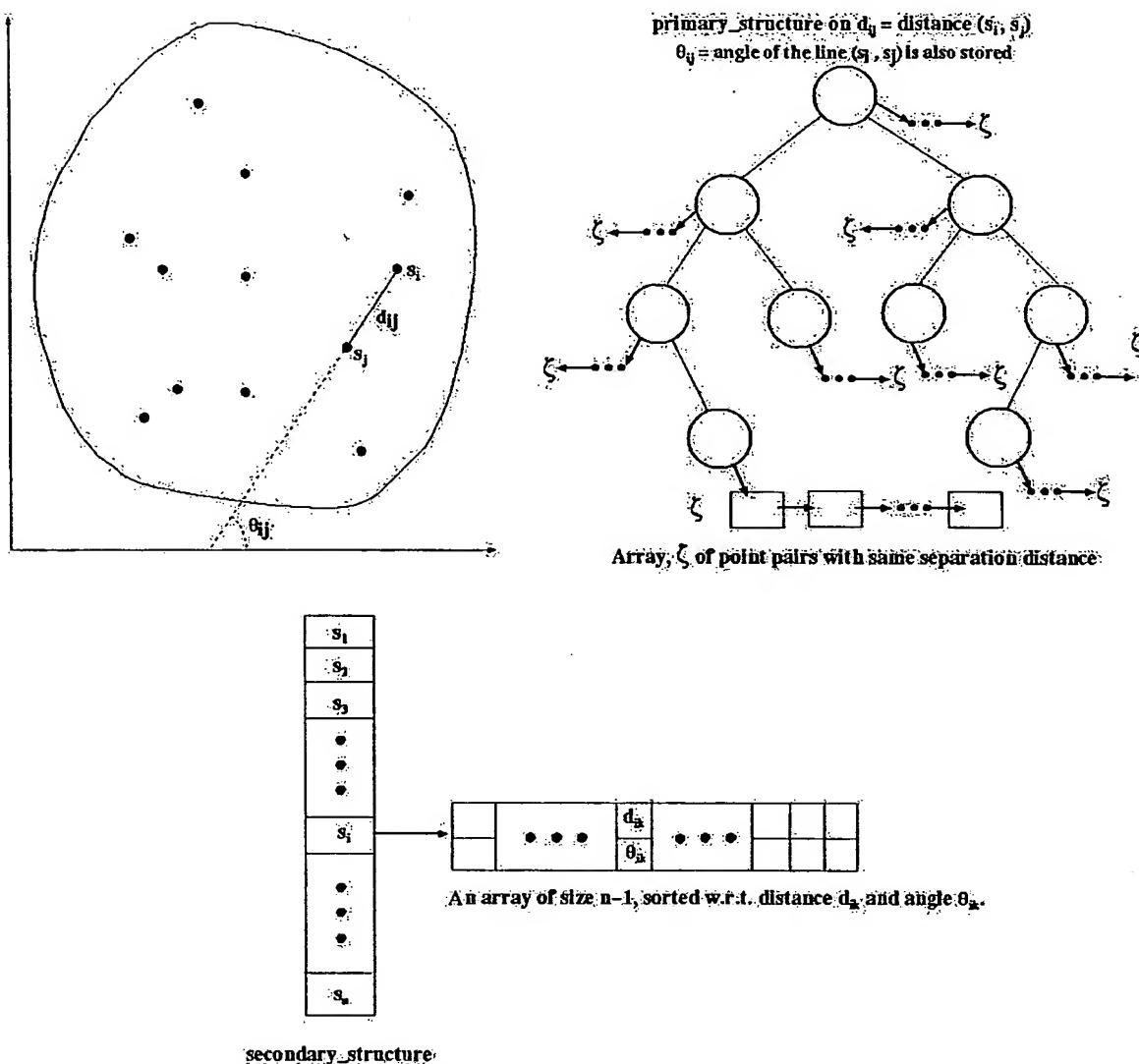


Figure 12.